Bio: Anna Starynska is an imaging scientist with a Ph.D. from the Rochester Institute of Technology. She is currently an adjunct instructor at Sacred Heart University, where she teaches deep learning. Her research has focused on leveraging artificial intelligence to restore texts from historical manuscripts, showcasing her expertise in computer vision, artificial intelligence, and machine learning. Anna has gained practical experience through her roles as a graduate research assistant at RIT, a summer research fellow at Los Alamos National Laboratory, and an imaging science intern at FluxData.

Project description:
Anna Starynska will work with Victor Gysembergh and his team to analyze the multispectral data from Gysembergh's research projects. In this collaboration, we plan to create a fast and efficient method for palimpsest text ink detection to streamline the future analyses of collected data. We hope to develop an algorithm for processing large amounts of palimpsest data. The combined expertise in computer vision and rare languages would allow us to create the dataset for the training and evaluation of our algorithm. The collaboration will result in a lecture and a seminar series or one-day workshop.